GRUNDIG

TV Service Manual

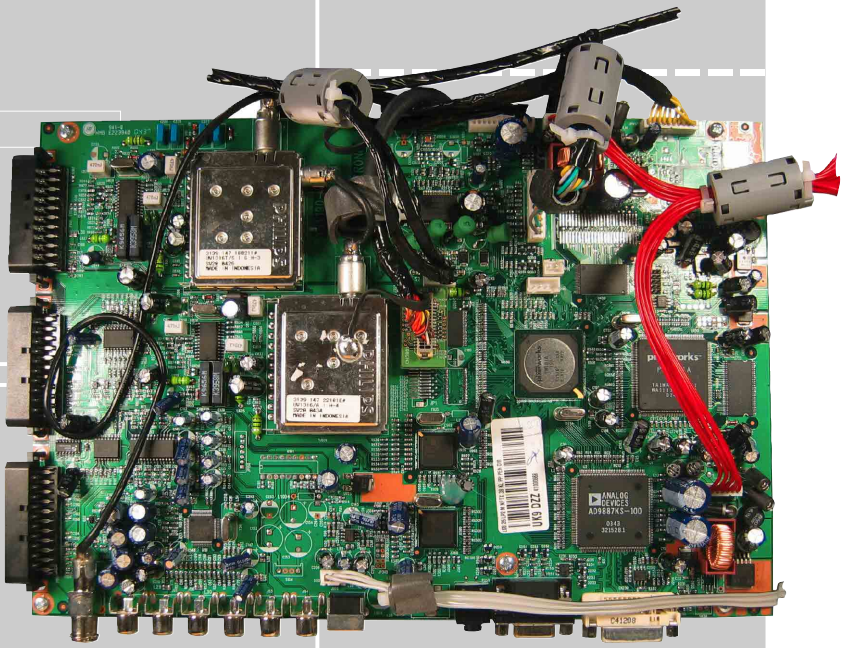
1. Ergänzung / Supplement 1

Chassis L6B

Amira 32 LXW 82-7510 TOP
GBC2200

Amira 26 LW 68-7510 TOP
GBC1100

Amira 23 LW 60-7510 TOP
GBC1200



NUR FÜR INTERNEN GEBRAUCH
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Zusätzlich erforderliche Unterlagen für den Komplettservice
Additionally required Service Documents for the Complete Service

Service Manual	Service Manual
Chassis L6B	Sicherheit Safety
Materialnr./Part No. 720100489000	Materialnr./Part No. 720108000001

Materialnummer/Part Number 720100489100
Änderungen vorbehalten/Subject to alteration
H-S43 0605
http://www.grundig.com

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Materialnummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

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Allgemeiner Teil

Einführung

In dieser Service-Manual-Ergänzung sind weitere Gerätevarianten dokumentiert, die mit dem Chassis L6B ausgestattet sind.

Hinweis:
Grundlage für den Service sind folgende Service Manuals:
– Service Manual Sicherheit, Materialnummer 720108000001
– Service Manual Chassis L6B, Materialnummer 720100489000

Allgemeine Hinweise

Achtung: ESD-Vorschriften beachten

Vor dem Öffnen des Gehäuses zuerst den Netzstecker ziehen!

Leitungsverlegung
Bevor Sie die Leitungen und insbesondere die Masseleitungen lösen, muss die Leitungsverlegung zu den einzelnen Baugruppen beachtet werden.
Nach erfolgter Reparatur ist es notwendig, die Leitungsführung wieder in den werkseitigen Zustand zu versetzen um evtl. spätere Ausfälle oder Störungen zu vermeiden.

General Section

Introduction

This Supplement of Service Manual describes more variants of the chassis L6B.

Note:
Basic instructions for servicing are given in the following Service Manuals:
– Service Manual Safety, Part Number 720108000001
– Service Manual Chassis L6B, Part Number 720100489000

General Notes

Attention: Observe the ESD safety regulations

Before opening the cabinet disconnect the mains plug!

Wiring
Before disconnecting any leads and especially the earth connecting leads observe the way they are routed to the individual assemblies.
On completion of the repairs the leads must be laid out as originally fitted at the factory to avoid later failures or disturbances.

Technische Daten / Technical Data

	Amira 23 LW 60-7510 TOP E4G	Amira 26 LW 68-7510 TOP YY3	Amira 32 LXW 82-7510 TOP E4Y
Order No.	G.BC 12-00	G.BC 11-00	G.BC 22-00
EAN	40 13833-59645 5	40 13833-59644 8	40 13833-59676 9
Color	silver		
Remote control	TP 160 C		
IM-Languages	D,GB,F,I,NL,DK,N,S,FIN,E,P,PL,TR		
Destination	All NSOs		
Display			
Panel	23" / 58cm PlanaLux Active Matrix TFT-LC-Display	26" / 66cm Active Matrix TFT-LC-Display	32" / 81cm Active Matrix T FT-LC-Display
16:9 wide-screen format	●		
Panel driving technology	IPS	MVA	MVA
Response time approx.	16ms	22ms	16ms
Brightness approx.	450cd/m2	500cd/m2	450cd/m2
Contrast ratio approx.	500:1	600:1	700:1
Viewing angle approx.	170° vertical / 170° horizontal		
Physical display resolution max.	WXGA 1280 x 768 pixel	WXGA 1280 x 768 pixel	WXGA 1366 x 768 pixel
PICTURE			
Digital Reference-Plus-Technology (Motion Adaption)	●		
Line Flicker Reduction	●		
Motion Adaptive Deinterlacing	●		
Digital Color Transition Improv. (DCTI)	●		
Digital Combfilter	● (2D)		
Digital Luminance Transition Improv. (DLTI)	●		
Picture Noise Reduction (DNR)	●		
CCS (Clear Color Screen)	○		
Preset picture modes	user, natural, rich, soft		
Aspect ratios (Format switching)	Auto (WSS), 4:3 / 16:9 / L.box / SubT /Zoom / Panorama		
PIP	2-Tuner PIP		
Multifold Tuner scan (Mosaic Picture)	○		
PAT: Split screen (PICTURE + TEXT)	●		
PAP: Double window (PICTURE + PICTURE)	●		
P2AT: Double window + TXT	○		
POP: PICTURE on PICTURE	○		
Picture freezing	○		
Zoom with point function	○		
Auto 16:9 selection via Scart	●		
Sharpness control	●		
Blue Background	●		
CHASSIS			
TV-Chassis	L6		
Progressive	●		
Tuner	PLL frequency synthesizer tuning		
µ-Processor	PW 181		
Keyboard	6 keys: menue, source, ± for programme, ± for volume		
ELECTRONIC			
Stand by indicator	red LED		
EPG (Electronic Programme Guide)	○		
Easy Dialog	○		
Megalogic	○		
Manual & autom. labeling of prog.	●		
Programmable off timer	●		
Programmable on timer	●		
Intelligent channel search (Zapping funct.)	●		
Programme Edit	●		
Intelligent Programme Switch	○		
Auto switch off	○		
Programme memory TV/AV (opt.)	99 / 6		
Teletext/Fasttext/Toptext	● / ● / ●		
Teletext options	800 pages		
Childlock	●		
Youth free recognition	○		
Menue languages OSD	22 languages, D, GB, F, I, E, P, NL, HR, RUS, GR, DK, S, FIN, N, TR, PL, CZ, SLO, H, RO, BG, HEB		
SWAP (Recall function)	●		
Service mode	●		
Game	○		
Hotel mode	○		
TUNING			
Autom. Tuning System with country selection	full automatic sorting		
Frequency Based Auto Search	●		
Automatic Micro-search	●		
Automatic Programming	○		
Manual fine tuning	●		
Direct channel selection	●		
Direct frequency selection	○		
PAL/SECAM/BG/DK/I/L'/L/ PAL M,N/NTSC M	●/●/●/●/●/●/●/ ○/○		●/●/●/●/●/●/●/ ●/● (only via Scart)

	Amira 23 LW 60-7510 TOP E4G	Amira 26 LW 68-7510 TOP YY3	Amira 32 LXW 82-7510 TOP E4Y
NTSC-Playback via Scart (3,58/4,43)		●	
Cable TV / Hyperband (S1-S41)		●	
AUDIO			
Mono/Stereo/Nicam		● / ● / ●	
AV Stereo		●	
Loudspeaker		2 wide band at the front side	
Virtual Dolby		○	
Matched Sound Delay (Lip synchronous)		○	
Subwoofer		○	
Dynamic Bass		○	
DSP (Digital Sound Processor)		○	
Balance Adjustment		●	
AVL (Audio Volume Level)		●	
PIP listening via Headphone jack		○	
Equalizer		5 Band	
Space Sound Effect		○	
Audio mode		cinema, music, sport, speech, user	
Audio amplifier without extern LS	2 x 7 / 5W (music/nominal)	2 x 10 / 7W (music/nominal)	2 x 14 / 10W (music/nominal)
POWER SUPPLY / CABINET			
Power voltage	100-240V, 50/60Hz	230V~, 50/60Hz	
Power switch		●	
Integrated supply	○	●	
Plug-in AC adaptor	AC/DC-Adaptor 15V- / 5A	○	
Power consumption	Approx. 75W, standby < 3W	Approx. 120W, standby < 4W	150W, standby < 4W
Cabinet (WxHxD) / Weight	67 x 44 x 9,5cm (21cm with stand) / approx. 10,5kg	79 x 48 x 9,5cm (22cm with stand) / approx. 14,6kg	91,5 x 57 x 10,5cm (25cm with stand) / approx. 17kg
REAR PANEL CONNECTIONS			
Euro-AV-Socket AV1		CVBS in-/output, RGB input	
Euro-AV Socket AV2		CVBS in-/output	
Euro-AV Socket AV3		CVBS in-/output	
S-Video		Hosiden	
Camera-AV		3x Cinch socket in	
Wireless		○	
YUV input / progressive		○	
PC-input (Sub D 15)		Multisync WXGA	
PC-Audio in		●	
DVI		DVI-D	
HDCP		○	
HDMI		○	
Headphones		3.5 mm jack	
Video out		1 x Cinch	
Audio out		2 x Cinch	
Antenna for terrestrial reception		1 x Coaxial-socket for TV-tuner-in, according to DIN 45325	
DC-connector		○	
Power supply plug		●	

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AMIRA 23 LW 60-7510 TOP

MATERIAL-NR. / PART NO.: 720126013300
BESTELL-NR. / ORDER NO.: GBC1200

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		720126013300		AMIRA 23 LW 60-7510 TOP KEIN E-TEIL	AMIRA 23 LW 60-7510 TOP NO SPARE PART
0001.000		759551148800		GEH.-VORDERTEIL SILBER	FRONT CABINET SILVER
0002.000		759551148900		RUECKWAND LIQUA BLUE	BACK COVER LIQUA BLUE
0005.000		759551149000		BUCHSENABDECKUNG	JACK COVER
0007.000		759551148600		LAUTSPRECHER 5 W 4 OHM	LOUDSPEAKER 5 W 4 OHM
0009.000	⚠	759551149400		LCD DISPLAY 23" LC230W01-A2K2	LCD DISPLAY 23" LC230W01-A2K2
0014.000	⚠	759551115300		NETZKABEL	POWER CABLE
0016.000		759551140200		KNOPF NETZ SILBER	KNOB POWER SILVER
0017.000		759551140300		KNOPF PROG/VOL SILBER	KNOB PROG/VOL SILVER
0018.000		759551149100		FUSS LIQUA BLUE	FOOT LIQUA BLUE
0020.000		720117132900		FERNBEDIENUNG TP 160C	REMOTE CONTROL TP160C
0028.000	⚠	275990140700	X	LP-CHASSISMODUL L6B	CHASSISBOARD L6B
0040.000		275991020300		LP-IR-MODUL	IR-BOARD
0050.000		275991023100		LP-BEDIENMODUL	CONTROLBOARD
0060.000	⚠	759551148700		NETZADAPTER 24V/5A	POWER DAPTER 24V/5A
		720117101000		BEDIENUNGSANLEIT. D/GB/F/I/NL/TR/PL	INSTRUCTION MANUAL D/GB/F/I/NL/TR/PL
		720117101100		BEDIENUNGSANLEIT. S/DK/N/FIN/E/P	INSTRUCTION MANUAL S/DK/N/FIN/E/P
		720110489000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720110489100		SERVICE MANUAL D/GB 1. ERGAENZUNG	SERVICE MANUAL D/GB 1ST SUPPLEMENT
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

⚠ (!)

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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Ersatzteilliste
Spare Parts List

NUR FÜR INTERNEN GEBRAUCH
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LP-CHASSISMODUL L6B
CHASSISBOARD L6B

MATERIAL-NR. / PART NO.: 275990140700

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		275990140700		LP-CHASSISMODUL L6B KEIN E-TEIL	CHASSISBOARD L6B NO SPARE PART

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
D 1	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 2	830921512700	DIODE 1 N 4007 -GA
D 3	759551059700	DIODE SL 23
D 4	759551059700	DIODE SL 23
D 5	759551059700	DIODE SL 23
D 6	759551059700	DIODE SL 23
D 7	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 8	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 9	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 10	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 11	759551077400	Z-DIODE TZM C5V6 SOD 80C
D 252	759530510400	DIODE BAV 99
D 253	759530510400	DIODE BAV 99
D 254	759530510400	DIODE BAV 99
D 255	759530510400	DIODE BAV 99
D 256	759530510400	DIODE BAV 99
D 257	759530510400	DIODE BAV 99
D 258	759530510400	DIODE BAV 99
D 259	759530510900	DIODE BAV 70
D 450	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 451	759550967900	DIODE 1N5820
D 452	759550967900	DIODE 1N5820
D 453	759550967900	DIODE 1N5820
D 826	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 827	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 830	830940159200	SMD DIODE BA591/BA592/BA782
D 831	759550923600	DIODE BZX55C33
F 450 ⚠	759550935300	SICHERUNG T5 A / 250 V
F 451 ⚠	759550935300	SICHERUNG T5 A / 250 V
J 57	759551057900	KOPFHOERERBUCHSE YKB21-5103
L 1	759872527500	SPULE 10UH+-20% 5152324
L 2	759872527500	SPULE 10UH+-20% 5152324
L 7	759551059800	FERRIT 100 MHZ 4 A
L 9	759551059800	FERRIT 100 MHZ 4 A
L 21	759551059800	FERRIT 100 MHZ 4 A
L 22	759550451500	SPULE 10UH R0814
L 23	759550451500	SPULE 10UH R0814
L 24	759550451500	SPULE 10UH R0814
L 50	759872527500	SPULE 10UH+-20% 5152324
L 51	759872527500	SPULE 10UH+-20% 5152324
L 52	759872527500	SPULE 10UH+-20% 5152324
L 53	759872527500	SPULE 10UH+-20% 5152324
L 55	759872527500	SPULE 10UH+-20% 5152324
L 56	759872527500	SPULE 10UH+-20% 5152324
L 150	759872527500	SPULE 10UH+-20% 5152324

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
L 300	759872527500	SPULE 10UH+-20% 5152324
L 301	759872527500	SPULE 10UH+-20% 5152324
L 450	759551140800	SPULE 100 UH 0.07
L 451	759551140800	SPULE 100 UH 0.07
L 452	759551020800	SPULE 38 UH 0.05R
L 550	759872527500	SPULE 10UH+-20% 5152324
L 751	759872527500	SPULE 10UH+-20% 5152324
L 752	759872527500	SPULE 10UH+-20% 5152324
L 753	759872527500	SPULE 10UH+-20% 5152324
L 754	759872527500	SPULE 10UH+-20% 5152324
L 825	759551140600	SPULE 1 UH LAL04
L 826	759551140600	SPULE 1 UH LAL04
L 827	814052632600	DR AX 0411-GA 47UH 5%
L 828	814052632600	DR AX 0411-GA 47UH 5%
L 831	759551140600	SPULE 1 UH LAL04
L 832	759880454800	SPULE 10UH 10% 4X9,8MM LAL0
L 833	759880454800	SPULE 10UH 10% 4X9,8MM LAL0
L 834	759872527500	SPULE 10UH+-20% 5152324
L 925	759872527500	SPULE 10UH+-20% 5152324
L 1005	759551140600	SPULE 1 UH LAL04
P 150	759550922900	EURO AV BUCHSE
P 151	759550922900	EURO AV BUCHSE
P 152	759550922900	EURO AV BUCHSE
Q 1	830100484800	SMD TRANS BC848B/ BC847B P
Q 2	830100484800	SMD TRANS BC848B/ BC847B P
Q 52	830100484800	SMD TRANS BC848B/ BC847B P
Q 53	830100484800	SMD TRANS BC848B/ BC847B P
Q 54	830100484800	SMD TRANS BC848B/ BC847B P
Q 450	830100484800	SMD TRANS BC848B/ BC847B P
Q 451	830100484800	SMD TRANS BC848B/ BC847B P
Q 550	830100484800	SMD TRANS BC848B/ BC847B P
Q 551	830100484800	SMD TRANS BC848B/ BC847B P
Q 552	830100484800	SMD TRANS BC848B/ BC847B P
Q 553	830100484800	SMD TRANS BC848B/ BC847B P
Q 554	830100484800	SMD TRANS BC848B/ BC847B P
Q 555	830100484800	SMD TRANS BC848B/ BC847B P
Q 825	830100484800	SMD TRANS BC848B/ BC847B P
Q 826	830100484800	SMD TRANS BC848B/ BC847B P
Q 827	830100484800	SMD TRANS BC848B/ BC847B P
Q 828	830100484800	SMD TRANS BC848B/ BC847B P
Q 829	830100484800	SMD TRANS BC848B/ BC847B P
Q 831	830100484800	SMD TRANS BC848B/ BC847B P
Q 832	830100484800	SMD TRANS BC848B/ BC847B P
Q 833	830100484800	SMD TRANS BC848B/ BC847B P
Q 834	830100484800	SMD TRANS BC848B/ BC847B P
Q 835	830100484800	SMD TRANS BC848B/ BC847B P
Q 1000	830100484800	SMD TRANS BC848B/ BC847B P

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. / POS. NO.		MATERIAL-NR. / PART NUMBER	BEZEICHNUNG / DESCRIPTION
S 150		759550999000	STECKERLEISTE 10 POL.
SAW 825		759550458000	FILTER OFW K3958M
SAW 826		759550458000	FILTER OFW K3958M
SAW 827		759550921100	FILTER OFW K9656M
SAW 828		759550921100	FILTER OFW K9656M
SW1	⚠	759550450300	NETZSCHALTER/POWER SWITCH
TU 825		759551052100	TUNER PH UV1316T/SIGH-3 SPL
TU 826		759551052000	TUNER UV 1316/A H-4
U 1		759551050800	IC NCP 1117 DT 33 RK
U 2		759551051000	IC AD 9887 KS-100
U 3		759551059600	IC TRIPATH TA2024
U 50		759540209400	IC TDA 1308T/N1
U 51		759551051200	IC MSP3410-MQFP64
U 52		759551147600	IC TEA 6420 DT T&R
U 150		759551050900	IC PI 5V 330 W
U 151		830510859100	IC PCF8591P PHI (MGL)
U 251		759551050700	IC 24LC21A-I/SN-CMOS18K/2.5
U 350		759551051500	IC DS 90 C 385 A
U 351		759551051300	IC LM358 DR2 /S08
U 400		720086705200	SW/IC AM29LV160DB-90EC 23W
U 401		759550970700	IC CHIP AT24C32AN-10SI-2.7
U 402		759880575800	IC RESET TLC7733
U 450		759551060700	IC NCP1117DTARK (DPAK)
U 451		759551148500	TRANS. FDS9953A SO-8 30V
U 452		759550968600	TRANS FDS9933A
U 453		759551148300	TRANS. FDS9953A
U 454		759550968900	IC LM2596S-5.0
U 455		759551051900	IC LM 2576 D2TR4-012 3A
U 456		759551133900	IC LM317MDTRK
U 457		759551050800	IC NCP 1117 DT 33 RK
U 458		759551050800	IC NCP 1117 DT 33 RK
U 459		759551148400	IC LM2676SX-12/NOPB
U 550		759551051100	IC PW 181A -10 V
U 650		759551051700	IC PW 1231A
U 750		759551051600	IC MT 48 LC 4M 16 A2
U 825		830584988600	SMD IC TDA9886T-V3 PHI >>
U 826		830584988600	SMD IC TDA9886T-V3 PHI >>
U 826		830584988600	SMD IC TDA9886T-V3 PHI >>
U 827		759551133800	IC TEA6145CDT-VIDEO-MAT-SW
U 926		759551051400	IC SAA 7118 E/V1
Y 50		759550966200	QUARZ 18.432 MHZ HC49
Y 300		759880691000	QUARZ 24.576MHZ
Y 550		759880681600	DUAL - LED
Y 650		759813134100	QUARZ 10 MHZ HC 49/U-S
Y 825		759550921200	QUARZ 4 MHZ
Y 826		759550921200	QUARZ 4 MHZ
Y 925		759880691000	QUARZ 24.576MHZ

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GRUNDIG

Ersatzteilliste
Spare Parts List

NUR FÜR INTERNEN GEBRAUCH
FOR INTERNAL USE ONLY

TV

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AMIRA 26 LW 68-7510 TOP

MATERIAL-NR. / PART NO.: 720126012000
BESTELL-NR. / ORDER NO.: GBC1100

POS. NR. / POS. NO.	ABB. / FIG.	MATERIAL-NR. / PART NUMBER	ANZ. / QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		720126012000		AMIRA 26 LW 68-7510 TOP KEIN E-TEIL	AMIRA 26 LW 68-7510 TOP NO SPARE PART
0001.000		759551140400		GEHAEUSEVORDERTEIL SILBER	FRONT CABINET SILVER
0002.000		759551140000		RUECKWAND LIQUA BLAU	BACK COVER LIQUA BLUE
0005.000		759551140100		BUCHSENABDECKUNG LIQUA BLUE	JACK COVER LIQUA BLUE
0007.000		759551050000		LAUTSPRECHER 7 W 4 OHM	SPEAKER 7 W 4 OHM
0009.000	⚠	759551140500		LCD DISPLAY LG-PHILIPS LC260W01-A5	LCDDISPLAY LG-PHILIPS LC260W01-A5
0016.000		759551140200		KNOPF NETZ SILBER	KNOB POWER SILVER
0017.000		759551140300		KNOPF PROG/VOL SILBER	KNOB PROG/VOL SILVER
0018.000		759551140700		FUSS LIQUA BLUE	FOOT LIQUA BLUE
0019.000		759551141000		KABEL 20 POL. 26L6BL43 DISPLAY - CHASSIS	CABLEL 20 PLS 26L6BL43 DISPLAY - CHASSIS
0020.000		720117132900		FERNBEDIENUNG TP160 C	REMOTE CONTROL TP160 C
0028.000	⚠	275990139500	X	LP-CHASSISMODUL L6B	CHASSISBOARD L6B
0040.000		275991020300		LP-IR-MODUL	IR-BOARD
0050.000		275990139400		LP-BEDIENMODUL	CONTROLBOARD
0060.000	⚠	759551052300		NETZTEIL 180 W 24/5 12/5	POWER SUPPLY 180 W 24/5 12/5
		720117101000		BEDIENUNGSANLEIT. D/GB/F/I/NL/TR/PL	INSTRUCTION MANUAL D/GB/F/I/NL/TR/PL
		720117101100		BEDIENUNGSANLEIT. S/DK/N/FIN/E/P	INSTRUCTION MANUAL S/DK/N/FIN/E/P
		720100489000		SERVICE MANUAL D/GB	REPAIR MANUAL D/GB
		720100489100		SERVICE MANUAL D/GB 1. ERGAENZUNG	SERVICE MANUAL D/GB 1. SUPPLEMENT
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

Ersatzteilliste
Spare Parts List

NUR FÜR INTERNEN GEBRAUCH
FOR INTERNAL USE ONLY

TV

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LP-CHASSISMODUL L6B
CHASSISBOARD L6B

MATERIAL-NR. / PART NO.: 275990139500

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		275990139500		LP-CHASSISMODUL L6B	CHASSISBOARD L6B

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
D 1	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 2	830921512700	DIODE 1 N 4007 -GA
D 3	759551059700	DIODE SL 23
D 4	759551059700	DIODE SL 23
D 5	759551059700	DIODE SL 23
D 6	759551059700	DIODE SL 23
D 7	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 8	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 9	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 10	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 11	759551077400	Z-DIODE TZM C5V6 SOD 80C
D 12	759551077400	Z-DIODE TZM C5V6 SOD 80C
D 250	759530510400	DIODE BAV 99
D 251	759530510400	DIODE BAV 99
D 252	759530510400	DIODE BAV 99
D 253	759530510400	DIODE BAV 99
D 254	759530510400	DIODE BAV 99
D 255	759530510400	DIODE BAV 99
D 256	759530510400	DIODE BAV 99
D 257	759530510400	DIODE BAV 99
D 258	759530510400	DIODE BAV 99
D 259	759530510900	DIODE BAV 70
D 260	759530510900	DIODE BAV 70
D 450	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 451	759550967900	DIODE 1N5820
D 452	759550967900	DIODE 1N5820
D 826	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 829	759880116200	DIODE BA 682
D 830	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 831	759550923600	DIODE BZX55C33
F 450	⚠ 759550935300	SICHERUNG T5 A / 250 V
F 451	⚠ 759550935300	SICHERUNG T5 A / 250 V
J 57	759551057900	KOPFHOERERBUCHSE YKB21-5103
L 1	759872527500	SPULE 10UH+-20% 5152324
L 2	759872527500	SPULE 10UH+-20% 5152324
L 7	759551059800	FERRIT 100 MHZ 4 A
L 9	759551059800	FERRIT 100 MHZ 4 A
L 22	759550451500	SPULE 10UH R0814
L 23	759550451500	SPULE 10UH R0814
L 24	759550451500	SPULE 10UH R0814
L 25	759550451500	SPULE 10UH R0814
L 50	759872527500	SPULE 10UH+-20% 5152324
L 51	759872527500	SPULE 10UH+-20% 5152324

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
L 52	759872527500	SPULE 10UH+-20% 5152324
L 53	759872527500	SPULE 10UH+-20% 5152324
L 54	759872527500	SPULE 10UH+-20% 5152324
L 55	759872527500	SPULE 10UH+-20% 5152324
L 56	759872527500	SPULE 10UH+-20% 5152324
L 450	759551140800	SPULE 100 UH 0.07
L 451	759551140800	SPULE 100 UH 0.07
L 825	759551140600	SPULE 1 UH LAL04
L 826	759551140600	SPULE 1 UH LAL04
L 827	814052632600	DR AX 0411-GA 47UH 5%
L 828	814052632600	DR AX 0411-GA 47UH 5%
L 831	759551140600	SPULE 1 UH LAL04
L 832	759880454800	SPULE 10UH 10% 4X9,8MM LAL0
L 833	759880454800	SPULE 10UH 10% 4X9,8MM LAL0
L 834	759872527500	SPULE 10UH+-20% 5152324
L 925	759872527500	SPULE 10UH+-20% 5152324
L 1005	759551140600	SPULE 1 UH LAL04
P 150	759550922900	EURO AV BUCHSE
P 151	759550922900	EURO AV BUCHSE
P 152	759550922900	EURO AV BUCHSE
Q 1	759551098700	TRANS BC848BLT1G
Q 2	759551098700	TRANS BC848BLT1G
Q 51	759551098700	TRANS BC848BLT1G
Q 52	759551098700	TRANS BC848BLT1G
Q 53	759551098700	TRANS BC848BLT1G
Q 54	759551098700	TRANS BC848BLT1G
Q 450	759551098700	TRANS BC848BLT1G
Q 550	759551098700	TRANS BC848BLT1G
Q 551	759551098700	TRANS BC848BLT1G
Q 552	759551098700	TRANS BC848BLT1G
Q 553	759551098700	TRANS BC848BLT1G
Q 554	759551098700	TRANS BC848BLT1G
Q 555	759551098700	TRANS BC848BLT1G
Q 825	759551098700	TRANS BC848BLT1G
Q 826	759551098700	TRANS BC848BLT1G
Q 827	759551098700	TRANS BC848BLT1G
Q 828	759551098700	TRANS BC848BLT1G
Q 829	759551098700	TRANS BC848BLT1G
Q 830	759551098700	TRANS BC848BLT1G
Q 831	759551098700	TRANS BC848BLT1G
Q 832	759551098700	TRANS BC848BLT1G
Q 833	759551098700	TRANS BC848BLT1G
Q 834	759551098700	TRANS BC848BLT1G
Q 835	759551098700	TRANS BC848BLT1G
Q 1000	759551098700	TRANS BC848BLT1G

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
Q 1050	759551098700	TRANS BC848BLT1G
S 150	759550999000	STECKERLEISTE 10 POL.
SAW 825	759550458000	FILTER OFW K3958M
SAW 826	759550458000	FILTER OFW K3958M
SAW 827	759550921100	FILTER OFW K9656M
SAW 828	759550921100	FILTER OFW K9656M
SW1	⚠ 759550450300	NETZSCHALTER/POWER SWITCH
TU 825	759551052100	TUNER PH UV1316T/SIGH-3 SPL
TU 826	759551052000	TUNER UV 1316/A H-4
U 1	759551050800	IC NCP 1117 DT 33 RK
U 2	759551051000	IC AD 9887 KS-100
U 3	759551059600	IC TRIPATH TA2024
U 50	759540209400	IC TDA 1308T/N1
U 51	759551051200	IC MSP3410-MQFP64
U 52	830585642000	SMD IC TEA6420DT SGS AV215-
U 150	759551050900	IC PI 5V 330 W
U 151	830510859100	IC PCF8591P PHI (MGL)
U 250	759551050700	IC 24LC21A-I/SN-CMOS18K/2.5
U 300	759551051400	IC SAA 7118 E/V1
U 350	759551051500	IC DS 90 C 385 A
U 351	759551051300	IC LM358 DR2 /S08
U 400	720086704700	IC AM29LV160DB-90EC PROG
U 401	759550970700	IC CHIP AT24C32AN-10SI-2.7
U 402	759550575800	MAGNET
U 450	759551060700	IC NCP1117DTARK (DPAK)
U 452	759550968600	TRANS FDS9933A
U 454	759550968900	IC LM2596S-5.0
U 455	759551051900	IC LM 2576 D2TR4-012 3A
U 456	759551133900	IC LM317MDTRK
U 457	759551050800	IC NCP 1117 DT 33 RK
U 458	759551050800	IC NCP 1117 DT 33 RK
U 550	759551051100	IC PW 181A -10 V
U 650	759551051700	IC PW 1231A
U 750	759551051600	IC MT 48 LC 4M 16 A2
U 825	759551052100	TUNER PH UV1316T/SIGH-3 SPL
U 826	830584988600	SMD IC TDA9886T-V3 PHI >>
U 827	759551133800	IC TEA6145CDT-VIDEO-MAT-SW
U 925	759551050800	IC NCP 1117 DT 33 RK
U 926	759551051400	IC SAA 7118 E/V1
Y 50	759550926200	QUARZ 18.432 MHZ
Y 300	759880691000	QUARZ 24.576MHZ
Y 550	759880681600	DUAL - LED
Y 650	759813134100	QUARZ 10 MHZ HC 49/U-S
Y 825	759550921200	QUARZ 4 MHZ
Y 826	759550921200	QUARZ 4 MHZ
Y 925	759880691000	QUARZ 24.576MHZ

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

⚠ (!)

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

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AMIRA 32 LXW 82-7510 TOP

MATERIAL-NR. / PART NO.: 720126013200
BESTELL-NR. / ORDER NO.: GBC2200

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		720126013200		AMIRA 32 LXW 82-7510 TOP KEIN E-TEIL	AMIRA 32 LXW 82-7510 TOP NO SPARE PART
0001.000		759551148000		GEH.-VORDERTEIL SILBER	FRONT CABINET SILVER
0002.000		759551147100		RUECKWAND LIQUA BLUE	BACK COVER LIQUA BLUE
0005.000		759551146900		BUCHSENABDECKUNG LIQUA BLUE	JACK COVER LIQUA BLUE
0007.000		759551146800		LAUTSPRECHER 10/15 W 4 OHM	LOUDSPEAKER 10/15 W 4 OHM
0009.000	⚠	759551147700		LCD DISPLAY LTA320W2-L01 SAMSUNG	LCD DISPLAY LTA320W2-L01 SAMSUNG
0016.000		759551114900		KNOPF NETZ SILBER	KNOB POWER SILVER
0017.000		759551140300		KNOPF PROG/VOL SILBER	KNOB PROG/VOL SILVER
0018.000		759551147800		FUSS LIQUA BLUE	FOOT LIQUA BLUE
0020.000		720117132900		FERNBEDIENUNG TP160 C	REMOTE CONTROL TP160 C
0028.000	⚠	275990140600	X	LP-CHASSISMODUL L6B	CHASSISBOARD L6B
0040.000		275991020300		LP-IR-MODUL	IR-BOARD
0050.000		275990036100		LP-BEDIENMODUL	CONTROLBOARD
0060.000	⚠	759551147900		NETZTEIL 24/6 12/5 3 POL.	POWER SUPPLY 24/6 12/5 3 P.
		720117101000		BEDIENUNGSANLEIT. D/GB/F/I/NL/TR/PL	INSTRUCTION MANUAL D/GB/F/I/NL/TR/PL
		720117101100		BEDIENUNGSANLEIT. S/DK/N/FIN/E/P	INSTRUCTION MANUAL S/DK/N/FIN/E/P
		720110489000		SERVICE MANUAL D/GB	SERVICE MANUAL D/GB
		720110489100		SERVICE MANUAL D/GB 1. ERGAENZUNG	SERVICE MANUAL D/GB 1ST SUPPLEMENT
				X = SIEHE GESONDERTE E-LISTE	X = SEE SEPARATE PARTS LIST

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

⚠ (!)

The regulations and safety instructions shall be valid as provided by the "Safety" Service Manual, part number 720108000001, as well as the respective national deviations.

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

GRUNDIG

Ersatzteilliste
Spare Parts List

NUR FÜR INTERNEN GEBRAUCH
FOR INTERNAL USE ONLY

TV

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LP-CHASSISMODUL L6B
CHASSISBOARD L6B

MATERIAL-NR. / PART NO.: 275990140600

POS. NR. POS. NO.	ABB. FIG.	MATERIAL-NR. PART NUMBER	ANZ. QTY.	BEZEICHNUNG (D)	DESCRIPTION (GB)
		275990140600		LP-CHASSISMODUL L6B	CHASSISBOARD L6B

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
D 1	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 2	830921512700	DIODE 1 N 4007 -GA
D 3	759551059700	DIODE SL 23
D 4	759551059700	DIODE SL 23
D 6	759551059700	DIODE SL 23
D 7	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 8	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 9	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 10	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 11	759551112400	DIODE Z.TZMC5V6-5.6V SOD80C
D 12	759551112400	DIODE Z.TZMC5V6-5.6V SOD80C
D 250	759530510400	DIODE BAV 99
D 251	759530510400	DIODE BAV 99
D 252	759530510400	DIODE BAV 99
D 253	759530510400	DIODE BAV 99
D 254	759530510400	DIODE BAV 99
D 255	759530510400	DIODE BAV 99
D 256	759530510400	DIODE BAV 99
D 257	759530510400	DIODE BAV 99
D 258	759530510400	DIODE BAV 99
D 259	759530510900	DIODE BAV 70
D 260	759530510900	DIODE BAV 70
D 450	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 451	759550967900	DIODE 1N5820
D 452	759550967900	DIODE 1N5820
D 826	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 827	830953414900	MELF-DIODE LL 4148 TFK/ITT
D 829	830940159200	SMD DIODE BA591/BA592/BA782
D 830	830940159200	SMD DIODE BA591/BA592/BA782
D 831	759550923600	DIODE BZX55C33
F 450 ⚠	759550935300	SICHERUNG T5A / 250V
F 451 ⚠	759550935300	SICHERUNG T5A / 250V
L 1	759872527500	SPULE 10UH+-20% 5152324
L 2	759872527500	SPULE 10UH+-20% 5152324
L 7	759551059800	FERRIT 100 MHZ 4 A
L 9	759551059800	FERRIT 100 MHZ 4 A
L 21	759551059800	FERRIT 100 MHZ 4 A
L 22	759550451500	SPULE 10UH R0814
L 23	759550451500	SPULE 10UH R0814
L 25	759550451500	SPULE 10UH R0814
L 50	759872527500	SPULE 10UH+-20% 5152324
L 51	759872527500	SPULE 10UH+-20% 5152324
L 52	759872527500	SPULE 10UH+-20% 5152324
L 53	759872527500	SPULE 10UH+-20% 5152324

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
L 54	759872527500	SPULE 10UH+-20% 5152324
L 55	759872527500	SPULE 10UH+-20% 5152324
L 56	759872527500	SPULE 10UH+-20% 5152324
L 300	759872527500	SPULE 10UH+-20% 5152324
L 301	759872527500	SPULE 10UH+-20% 5152324
L 450	759551140800	SPULE 100 UH 0.07
L 451	759551140800	SPULE 100 UH 0.07
L 550	759872527500	SPULE 10UH+-20% 5152324
L 751	759872527500	SPULE 10UH+-20% 5152324
L 752	759872527500	SPULE 10UH+-20% 5152324
L 753	759872527500	SPULE 10UH+-20% 5152324
L 754	759872527500	SPULE 10UH+-20% 5152324
L 825	814052632600	DR AX 0411-GA 47UH 5%
L 826	759551140600	SPULE 1 UH LAL04
L 827	814052632600	DR AX 0411-GA 47UH 5%
L 828	814052632600	DR AX 0411-GA 47UH 5%
L 831	759551140600	SPULE 1 UH LAL04
L 832	759880454800	SPULE 10UH 10% 4X9,8MM LAL0
L 833	759880454800	SPULE 10UH 10% 4X9,8MM LAL0
L 834	759872527500	SPULE 10UH+-20% 5152324
L 925	759872527500	SPULE 10UH+-20% 5152324
L 1005	759551140600	SPULE 1 UH LAL04
P 150	759550922900	EURO AV BUCHSE
P 151	759550922900	EURO AV BUCHSE
P 152	759550922900	EURO AV BUCHSE
Q 1	830100484800	SMD TRANS BC848B/ BC847B P
Q 2	830100484800	SMD TRANS BC848B/ BC847B P
Q 51	830100484800	SMD TRANS BC848B/ BC847B P
Q 52	830100484800	SMD TRANS BC848B/ BC847B P
Q 53	830100484800	SMD TRANS BC848B/ BC847B P
Q 54	830100484800	SMD TRANS BC848B/ BC847B P
Q 450	830100484800	SMD TRANS BC848B/ BC847B P
Q 550	830100484800	SMD TRANS BC848B/ BC847B P
Q 551	830100484800	SMD TRANS BC848B/ BC847B P
Q 552	830100484800	SMD TRANS BC848B/ BC847B P
Q 553	830100484800	SMD TRANS BC848B/ BC847B P
Q 554	830100484800	SMD TRANS BC848B/ BC847B P
Q 555	830100484800	SMD TRANS BC848B/ BC847B P
Q 825	830100484800	SMD TRANS BC848B/ BC847B P
Q 826	830100484800	SMD TRANS BC848B/ BC847B P
Q 827	830100484800	SMD TRANS BC848B/ BC847B P
Q 828	830100484800	SMD TRANS BC848B/ BC847B P
Q 829	830100484800	SMD TRANS BC848B/ BC847B P
Q 830	830100484800	SMD TRANS BC848B/ BC847B P

ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION
Q 831	830100484800	SMD TRANS BC848B/ BC847B P
Q 832	830100484800	SMD TRANS BC848B/ BC847B P
Q 833	830100484800	SMD TRANS BC848B/ BC847B P
Q 834	830100484800	SMD TRANS BC848B/ BC847B P
Q 835	830100484800	SMD TRANS BC848B/ BC847B P
Q 1000	830100484800	SMD TRANS BC848B/ BC847B P
Q 1050	830100484800	SMD TRANS BC848B/ BC847B P
S 150	759550999000	STECKERLEISTE 10 POL.
SAW 825	759550458000	FILTER OFW K3958M
SAW 826	759550458000	FILTER OFW K3958M
SAW 827	759550921100	FILTER OFW K9656M
SAW 828	759550921100	FILTER OFW K9656M
SW1 ⚠	759550450300	NETZSCHALTER/POWER SWITCH
TU 825	759551052100	TUNER PH UV1316T/SIGH-3 SPL
TU 826	759551052000	TUNER UV 1316/A H-4
U 1	759551050800	IC NCP 1117 DT 33 RK
U 2	759551051000	IC AD 9887 KS-100
U 3	759551059600	IC TRIPATH TA2024
U 50	759540209400	IC TDA 1308T/N1
U 51	759551051200	IC MSP3410-MQFP64
U 52	759551147600	IC TEA 6420 DT T&R
U 150	759551050900	IC PI 5V 330 W
U 151	830510859100	IC PCF8591P PHI (MGL)
U 250	759551050700	IC 24LC21A-I/SN-CMOS18K/2.5
U 251	759551050700	IC 24LC21A-I/SN-CMOS18K/2.5
U 300	759551051800	IC SAA 7118E/V1 BGA156
U 350	759551051500	IC DS 90 C 385 A
U 351	759551051300	IC LM358 DR2 /S08
U 400	830574296000	SMD IC AM29LV160DB-90EC
U 401	759550970700	IC CHIP AT24C32AN-10SI-2.7
U 402	759880575800	IC RESET TLC7733
U 450	759551060700	IC NCP1117DTARK (DPAK)
U 452	759550968600	TRANS FDS9933A
U 454	759550968900	IC LM2596S-5.0
U 455	759551060800	IC LM 2576 D2TR4-005V 3A
U 456	759551133900	IC LM317MDTRK
U 457	759551050800	IC NCP 1117 DT 33 RK
U 458	759551050800	IC NCP 1117 DT 33 RK
U 550	759551051100	IC PW 181A -10 V
U 650	759551051700	IC PW 1231A
U 750	759551051600	IC MT 48 LC 4M 16 A2
U 825	830584988600	SMD IC TDA9886T-V3 PHI >>
U 826	830584988600	SMD IC TDA9886T-V3 PHI >>
U 827	759551133800	IC TEA6145CDT-VIDEO-MAT-SW
U 925	759551050800	IC NCP 1117 DT 33 RK
U 926	759551051400	IC SAA 7118 E/V1
Y 50	759550926200	QUARZ 18.432 MHZ
Y 300	759880691000	QUARZ 24.576MHZ
Y 550	759880681600	DUAL - LED
Y 650	759813134100	QUARZ 10 MHZ HC 49/U-S
Y 825	759550921200	QUARZ 4 MHZ
Y 826	759550921200	QUARZ 4 MHZ
Y 925	759880691000	QUARZ 24.576MHZ

POS. NR. POS. NO.	MATERIAL-NR. PART NUMBER	BEZEICHNUNG DESCRIPTION

Es gelten die Vorschriften und Sicherheitshinweise gemäß dem Service Manual "Sicherheit", Mat.-Nummer 720108000001, sowie zusätzlich die eventuell abweichenden, landesspezifischen Vorschriften!

⚠ (!)

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ÄNDERUNGEN VORBEHALTEN / SUBJECT TO ALTERATION